Contents: Vol. 77

No. 1

Original Papers

Jimes, S., Jamison, R. M.: Coxsackievirus B4: *In vitro* Genetic Markers and Virulence 1

Lidin, B. I. M., Lamon, E. W.: Effects of DNA Synthesis Inhibitors on Early Antigen Expression Following Primary Infection or Superinfection by Epstein-Barr Virus 13

Tsutsui, Y., Nishiyama, Y., Yoshida, S., Maeno, K., Hoshino, M.: Role of the Nuclear Matrix in the Growth of Herpes Simplex Virus Type 2 27

van Dawen, Sabine, Kaaden, O.-R., Roth, Susanne: Propagation of Aleutian Disease Parvovirus in Cell Line CCC Clone 81 39

Fisher, Linda E.: Characterization of Four Cell Lines Persistently Infected with Measles Virus 51

Martínez Peralta, Liliana, Lehmann-Grube, F.: Properties of Lymphocytic Choriomeningitis Virus Interfering Particles 61

Brief Reports

Abenes, G. B., Kida, H., Yanagawa, R.: Avian Paramyxoviruses Possessing Antigenically Related HN But Distinct M Proteins 71

Salas, María L., Kuznar, J., Viñuela, E.: Effect of Rifamycin Derivatives and Coumermycin A1 on *in vitro* RNA Synthesis by African Swine Fever Virus . 77

Gourlay, R. N., Wyld, S. G., Poulton, M. E.: Some Characteristics of Mycoplasma Virus Hr1, Isolated from and Infecting *Mycoplasma hyorhinis* 81

Gavrilovskaya, I. N., Chumakov, M. P., Apekina, N. S., Ryltseva, E. V., Martiyanova, L. I., Gorbachkova, E. A., Bernshtein, A. D., Zakharova, M. A., Boiko, V. A.: Adaptation to Laboratory and Wild Animals of the Haemorrhagic Fever with Renal Syndrome Virus Present in the Foci of European U.S.S.R. 87

Toivonen, V., Vainionpää, R., Salmi, A., Hyypiä, T.: Glycopolypeptides of Rubella Virus 91

No. 2—4

Original Papers

Spier, R. E., Murdin, A., Whittle, C. J.: The Attachment of the Foot-and-Mouth Disease Virus Asia I Iran 1/73 to BHK Suspension Cells Does Not Require Virus Specific Cell Receptors 97

Pearson, J., Mims, C. A.: Selective Vulnerability of Neural Cells and Age-Related Susceptibility to OC43 Virus in Mice 109

Robin, J., Larivière-Durand, Christine: Bluegill Virus Is a Ribovirus of Positive-Strand Polarity 11

Tashiro, M., Homma, M.: Evidence of Proteolytic Activation of Sendai Virus in Mouse Lung 127

Foster, K. A., Micklem, K. J., Agnarsdottir, G., Lancashire, C. L., Bogomolova, N. N., Boriskin, Y. S., Pasternak, C. A.: Myxoviruses Do Not Induce Non-Specific Alterations in Membrane Permeability Early on in Infection 139

Norrild, B., Virtanen, I., Pedersen, B., Pereira, L.: Requirements for Transport of HSV-1 Glycoproteins to the Cell Surface Membrane of Human Fibroblasts and Vero Cells 155

Tabarés, E., Martínez, J., Martín, E., Escribano, J. M.: Proteins Specified by African Swine Fever Virus. IV. Glycoproteins and Phosphoproteins . . . 167

Belák, S., Berencsi, Gy., Rusvay, M., Lukács, K., Nász, I.: DNA Structure, and Hemagglutination Properties of Bovine Adenovirus Type 2 Strains Which Bypass Species Specificity 181

Lee, S. Y., Paire, J., Vernet, G., Biquard, J. M., Krsmanovic, V.: Immunological Study of a Cellular 35K Phosphorylated Polypeptide Detected in Rous Sarcoma Virus Transformed Cells 195

Chernos, V. I., Chelyapov, N. V., Antonova, T. P., Vasiljeva, N. N., Mitina, I. V.: Biochemical and Genetic Characterization of Vaccinia Virus Temperature-Sensitive Mutants with DNA- and DNAf-Phenotypes 209

Stridh, S.: Determination of Ribonucleoside Triphosphate Pools in Influenza A Virus-Infected MDCK Cells 223

Klein, R. J., DeStefano, E.: Dissemination of Herpes Simplex Virus in Ganglia After Footpad Inoculation in Neurectomized and Non-Neurectomized Mice . 231

Pal, B. K., Mohan, S., Nimo, Rosemarie, Gardner, M. B.: Wild Mouse Retrovirus-Induced Neurogenic Paralysis in Laboratory Mice. I. Virus Replication and Expression in Central Nervous System 239

Studdert, M. J.: Restriction Endonuclease DNA Fingerprinting of Respiratory, Foetal and Perinatal Foal Isolates of Equine Herpesvirus Type 1 249

Brief Reports

Kamada, M., Studdert, M. J.: Analysis of Small and Large Plaque Variants of Equine Herpesvirus Type 3 by Restriction Endonucleases 259

Okazaki, K., Yanagawa, R., Kida, H.: Contact Infection of Mink with 5 Subtypes of Avian Influenza Virus 265

Weber, C., Martínez Peralta, Liliana, Lehmann-Grube, F.: Persistent Infection of Cultivated Cells with Lymphocytic Choriomeningitis Virus: Regulation of Virus Replication 271

Rodriguez, J. E., Loepfe, T. R., Stinski, M. F.: Human Cytomegalovirus Persists in Cells Treated with Interferon 277

Abenes, G.
Paramy
cally Re
(Brief R
Agnarsdott
Antonova,
Apekina, N

Belák, S., B
K., Nás
glutinat
virus T
Species
Berencsi, G
Bernshtein,
Biquard, J.
Bogomolov
Boiko, V. A
Boriskin, Y

Chelyapov,
Chernos, V
T. P., V
chemic
of Vacc
Mutants
types. 2
Chumakov,

van Dawe
Susann
sease F
81. 39.
DeStefano,

Escribano,

Fisher, Lin
Cell L
Measle
Foster, K.
G., Lan
Boriski
viruses
Alterati
Early o

Gardner, M
Gavrilovsk
Apekin
nova, I
shtein,
V. A.:
Animal
Renal

Author Index

Abenes, G. B., Kida, H., Yanagawa, R.: Avian Paramyxoviruses Possessing Antigenically Related HN but Distinct M Proteins. (Brief Report) 71.
Agnarsdottir, G. s. Foster, K. A.
Antonova, T. P. s. Chernos, V. I.
Apekina, N. S. s. Gavrilovskaya, I. N.

Belák, S., Berencsi, Gy., Rusvay, M., Lukács, K., Nász, I.: DNA Structure, and Hemagglutination Properties of Bovine Adenovirus Type 2 Strains Which Bypass Species Specifity. 181.
Berencsi, Gy. s. Belák, S.
Bernshtein, A. D. s. Gavrilovskaya, I. N.
Biquard, J. M. s. Lee, S. Y.
Bogomolova, N. N. s. Foster, K. A.
Boiko, V. A. s. Gavrilovskaya, I. N.
Boriskin, Y. S. s. Foster, K. A.

Chelyapov, N. N. s. Chernos, V. I.
Chernos, V. I., Chelyapov, N. N., Antonova, T. P., Vasiljeva, N. N., Mitina, I. V.: Biochemical and Genetic Characterization of Vaccinia Virus Temperature-Sensitive Mutants with DNA- and DNAf-Phenotypes. 209.
Chumakov, M. P. s. Gavrilovskaya, I. N.

van Dawen, Sabine, Kaaden, O.-R., Roth, Susanne: Propagation of Aleutian Disease Parvovirus in Cell Line CCC Clone 81. 39.
DeStefano, E. s. Klein, R. J.

Escribano, J. M. s. Tabarés, E.

Fisher, Linda E.: Characterization of Four Cell Lines Persistently Infected with Measles Virus. 51.
Foster, K. A., Micklem, K. J., Agnarsdottir, G., Lancashire, C. L., Bogomolova, N. N., Boriskin, Y. S., Pasternak, C. A.: Myxoviruses Do Not Induce Non-Specific Alterations in Membrane Permeability Early on in Infection. 139.

Gardner, M. B. s. Pal, B. K.
Gavrilovskaya, I. N., Chumakov, M. P., Apekina, N. S., Ryltseva, E. V., Martiyanova, L. S., Gorbachkova, E. A., Bernshtein, A. D., Zakharova, M. A., Boiko, V. A.: Adaption to Laboratory and Wild Animals of the Haemorrhagic Fever with Renal Syndrome Virus Present in the Foci of European U.S.S.R. (Brief Report) 87.
Gorbachkova, E. A. s. Gavrilovskaya, I. N.
Gourlay, R. N., Wyld, S. G., Poulton, M. E.: Some Characteristics of Mycoplasma Virus Hr1, Isolated from and Infecting *Mycoplasma hyorhinis*. (Brief Report) 81.

Homma, M. s. Tashino, M.
Hoshino, M. s. Tsutsui, Y.
Hyypiä, T. s. Toivonen, V.

Jamison, R. M. s. Jimes, S.
Jimes, S., Jamison, R. M.: Coxackievirus B4: *In vitro* Genetic Markers and Virulence. 1.

Kaaden, O.-R. s. van Dawen, Sabine.
Kamada, M., Studdert, M. J.: Analysis of Small and Large Plaque Variants of Equine Herpesvirus Type 3 by Restriction Endonucleases. (Brief Report) 259.
Kida, H. s. Abenes, G. B.
Kida, H. s. Okazaki, K.
Klein, R. J., DeStefano, E.: Dissemination of Herpes Simplex Virus in Ganglia After Footpad Inoculation in Neurectomized and Non-Neurectomized Mice. 231.
Krsmanovic, V. s. Lee, S. Y.
Kuznar, J. s. Salas, María L.

Lamon, E. W. s. Lidin, B. I. M.
Lancashire, C. L. s. Foster, K. A.
Lariviére-Durand, Christine s. Robin, J.
Lee, S. Y., Paire, J., Vernet, G., Biquard, J. M., Krsmanovic, V.: Immunological Study of a Cellular 35 K Phosphorylated Polypeptide Detected in Rous Sarcoma Virus Transformed Cells. 195.
Lehmann-Grube, F. s. Martínez Peralta, Liliana.
Lehmann-Grube, F. s. Weber, C.
Lidin, B. I. M., Lamon, E. W.: Effects of DNA Synthesis Inhibitors on Early Antigen Expression Following Primary Infection or Superinfection by Epstein-Barr Virus. 13.
Loepfe, T. R. s. Rodriguez, J. E.
Lukács, K. s. Belák, S.

Maeno, K. s. Tsutsui, Y.
Martín, E. s. Tabarés, E.
Martínez, J. s. Tabarés, E.
Martínez Peralta, Liliana, Lehmann-Grube, F.: Properties of Lymphocytic Choriomeningitis Virus Interfering Particles. 61.

Martínez Peralta, Liliana s. Weber, C.
Martiyanova, L. S. s. Gavrilovskaya, I. N.
Micklem, K. J. s. Foster, K. A.
Mims, C. A. s. Pearson, J.
Mitina, I. V. s. Chernos, V. I.
Mohan, S. s. Pal, B. K.
Murdin, A. s. Spier, R. E.

Nász, I. s. Belák, S.
Nimo, Rosemarie s. Pal, B. K.
Nishiyama, Y. s. Tsutsui, Y.
Norrild, B., Virtanen, I., Pedersen, B., Pereira, L.: Requirements for Transport of HSV-1 Glycoproteins to the Cell Surface Membrane of Human Fibroblasts and Vero Cells. 155.

Okazaki, K., Yanagawa, R., Kida, H.: Contact Infection of Mink with 5 Subtypes of Avian Influenza Virus. (Brief Report) 265.

Paire, J. s. Lee, S. Y.
Pal, B. K., Mohan, S., Nimo, Rosemarie, Gardner, M. B.: Wild Mouse Retrovirus-Induced Neurogenic Paralysis in Laboratory Mice. I. Virus Replication and Expression in Central Nervous System. 239.
Pasternak, C. A. s. Foster, K. A.
Pearson, J., Mims, C. A.: Selective Vulnerability of Neural Cells and Age-Related Susceptibility to OC43 Virus in Mice. 109.
Pedersen, B. s. Norrild, B.
Pereira, L. s. Norrild, B.
Poulton, M. E. s. Gourlay, R. N.

Robin, J., Larivière-Durand, Christine: Bluegill Virus Is a Ribovirus of Positive-Strand Polarity. 119.
Rodriguez, J. E., Loepfe, T. R., Stinski, M. F.: Human Cytomegalovirus Persists in Cells Treated with Interferon. (Brief Report) 277.
Roth, Susanne s. van Dawen, Sabine.
Rusvay, M. s. Belák, S.
Ryltseva, E. V. s. Gavriloskaya, I. N.

Salas, María L., Kuznar, J., Viñuela, E.: Effect of Rifamycin Derivatives and Coumermycin A1 on *in vitro* RNA Synthesis by African Swine Fever Virus. (Brief Report) 77.
Salmi, A. s. Toivonen, V.
Spier, R. E., Murdin, A., Whittle, C. J.: The Attachment of the Foot-and-Mouth Disease Virus Asia I Iran 1/73 to BHK Suspension Cells Does Not Require Virus Specific Cell Receptors. 97.
Stinski, M. F. s. Rodriguez, J. E.
Stridh, S.: Determination of Ribonucleoside Triphosphate Pools in Influenza A-Virus-Infected MDCK Cells. 223.
Studdert, M. J.: Restriction Endonuclease DNA Fingerprinting of Respiratory, Foetal and Perinatal Foal Isolates of Equine Herpesvirus Type 1. 249.
Studdert, M. J. s. Kamada, M.

Tabarés, E., Martínez, J., Martín, E., Escribano, J. M.: Proteins Specified by African Swine Fever Virus. IV. Glycoproteins and Phosphoproteins. 167.
Tashiro, M., Homma, M.: Evidence of Proteolytic Activation of Sendai Virus in Mouse Lung. 127.
Toivonen, V., Vainionpää, R., Salmi, A., Hyypiä, T.: Glycopolypeptides of Rubella Virus. (Brief Report) 91.
Tsutsui, Y., Nishiyama, Y., Yoshida, S., Maeno, K., Hoshino, M.: Role of the Nuclear Matrix in the Growth of Herpes Simplex Virus Type 2. 27.

Vainionpää, R. s. Toivonen, V.
Vasiljeva, N. N. s. Chernos, V. I.
Vernet, G. s. Lee, S. Y.
Viñuela, E. s. Salas, María L.
Virtanen, I. s. Norrild, B.

Weber, C., Martínez Peralta, Liliana, Lehmann-Grube, F.: Persistent Infection of Cultivated Cells with Lymphocytic Choriomeningitis Virus: Regulation of Virus Replication. (Brief Report) 271.
Whittle, C. J. s. Spier, R. E.
Wyld, S. G. s. Gourlay, R. N.

Yanagawa, R. s. Abenes, G. B.
Yanagawa, R. s. Okazaki, K.
Yoshida, S. s. Tsutsui, Y.

Zakharova, M. A. s. Gavrilovskaya, I. N.